M. A. R. 57 (Rule 116) AEE/SWD/DHZ/SBR/02/18 dt: 10/7/18
Measurement Book **No. B**

Serial No. 1st and final bill Abstract 454233

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work: Construction of RCC culvert and 'U' shape drain for secondary SWD between Shettyhalli and Chikkasandra village in Shettyhalli Ward No: 12.						
	Est cost : Rs 1,00,00,000/-						
	Tender cost : Rs 86,30,674/-						
	Job code : 012-18-000023						
	Contractor name : M/s KVK Constructions						
	Work order No : EE/SWD/DHZ/WO/08/2017-18 dt 30/01/2018						
	Date of commencement : 16/05/2017						

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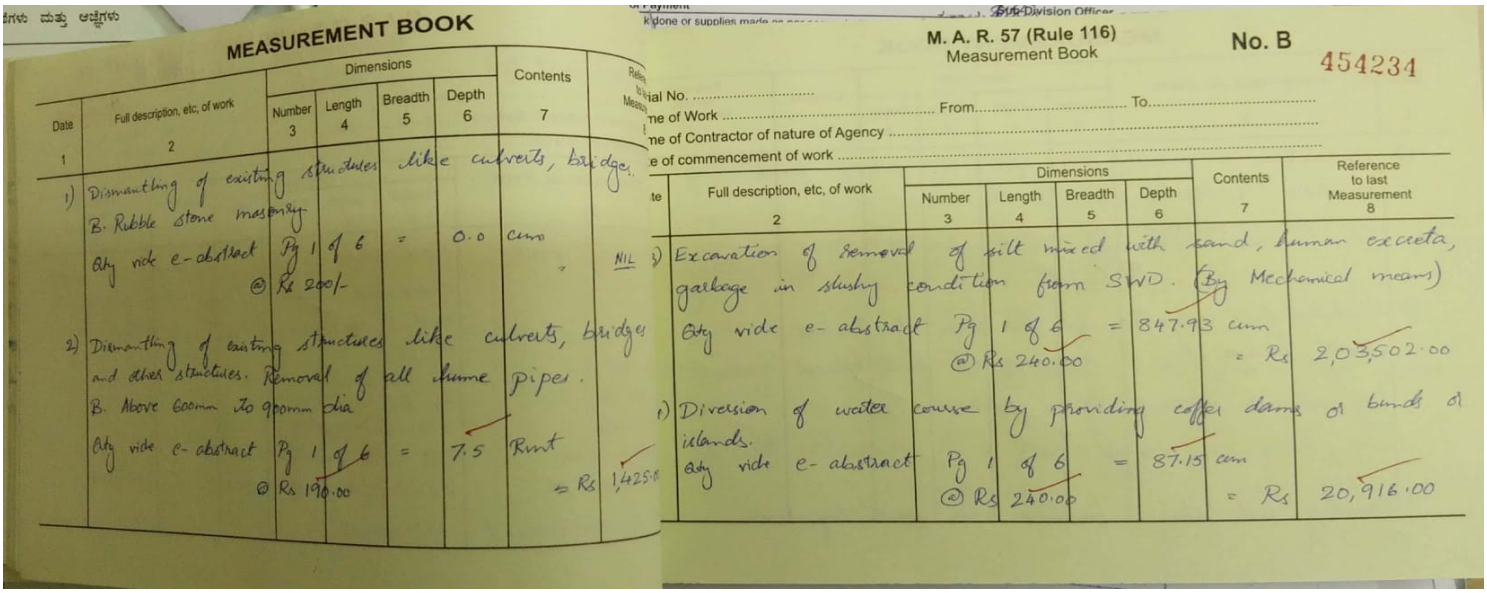

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	
	1) Dismantling of existing structures like culverts, bridges. B. Rubble stone masonry Qty vide e-abstract Pg 1 of 6 @ Rs 200/-				= 0.0 cum		NIL
	2) Dismantling of existing structures like culverts, bridges and other structures. Removal of all slume pipes. B. Above 600mm to 900mm dia Qty vide e-abstract Pg 1 of 6 @ Rs 190.00				= 7.5 Rmt	= Rs 1,425.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 454234

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	d) Excavation of removal of silt mixed with sand, human excreta, garbage in slushy condition from SWD. (By Mechanical means) Qty vide e-abstract Pg 1 of 6 @ Rs 240.00				= 847.93 cum	= Rs 2,03,502.00	
	e) Diversion of water course by providing coffer dams or bunds of islands. Qty vide e-abstract Pg 1 of 6 @ Rs 240.00				= 87.15 cum	= Rs 20,916.00	

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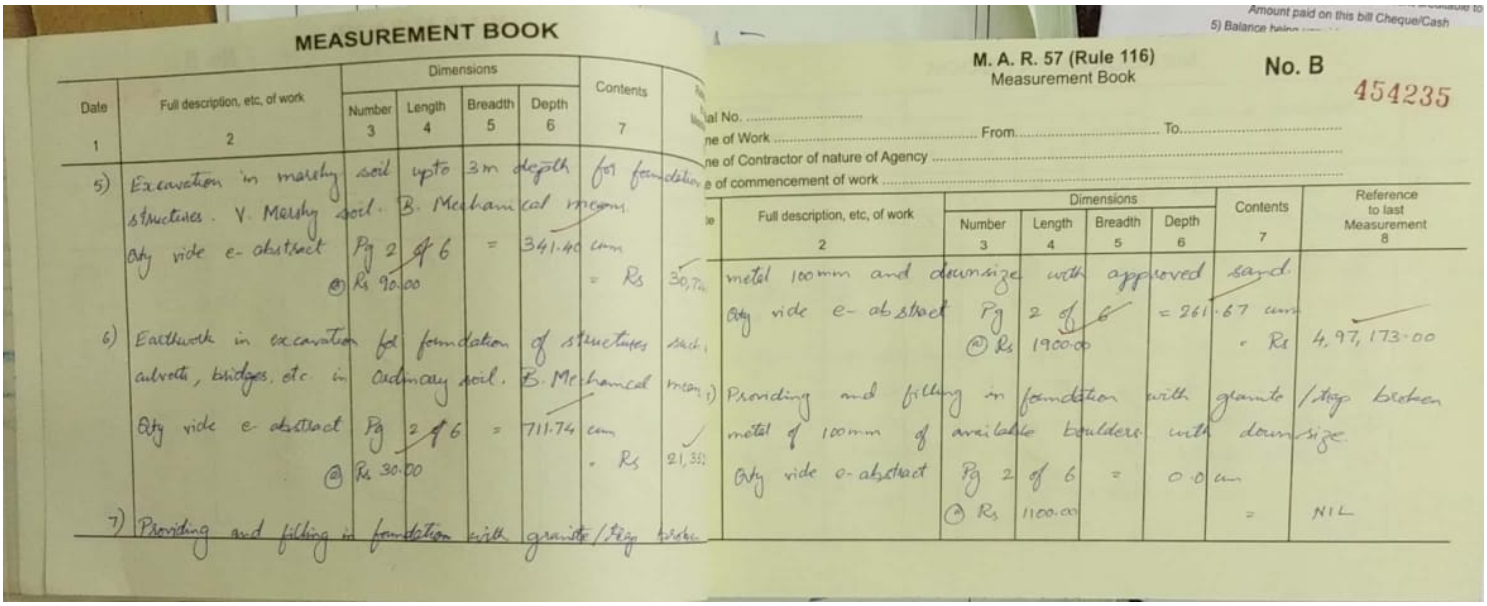

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7
5)	Excavation in marshy soil upto 3m depth for foundation structures. V. Marshy soil. B. Mechanical means. Qty vide e-abstract Pg 2 of 6 = 341.40 cum @ Rs 90.00					= Rs 30,7[illegible]
6)	Earthwork in excavation for foundation of structures such as culverts, bridges, etc in Ordinary soil. B. Mechanical means Qty vide e-abstract Pg 2 of 6 = 711.74 cum @ Rs 30.00					= Rs 21,35[illegible]
7)	Providing and filling in foundation with granite / Rip broken					

Amount paid on this bill Cheque/Cash

5) Balance being

M. A. R. 57 (Rule 116)
Measurement Book

No. B
454235

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

e	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	metal 100mm and downsize with approved sand. Qty vide e-abstract Pg 2 of 6 = 261.67 cum @ Rs 1900.00					= Rs 4,97,173.00	
7)	Providing and filling in foundation with granite / Rip broken metal of 100mm of available boulders with downsize. Qty vide e-abstract Pg 2 of 6 = 0.0 cum @ Rs 1100.00					= NIL	

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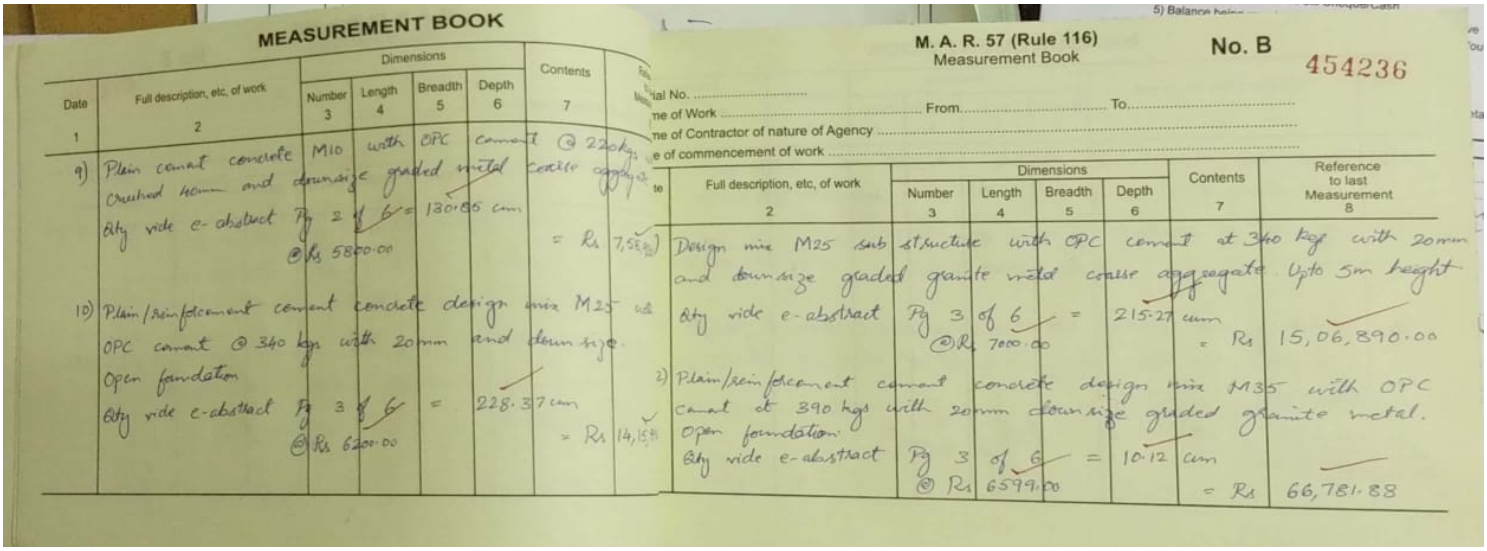

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7
9)	Plain cement concrete M10 with OPC cement @ 220kgs Crushed 40mm and down size graded metal coarse aggregate Qty vide e-abstract Pg 2 of 6 = 130.86 cum @ Rs 5800.00					= Rs 7,58,9[illegible]
10)	P.lain/reinforcement cement concrete design mix M25 with OPC cement @ 340 kgs with 20mm and down size Open foundation Qty vide e-abstract Pg 3 of 6 = 228.37 cum @ Rs 6200.00					= Rs 14,15,9[illegible]

M. A. R. 57 (Rule 116)
Measurement Book

No. B 454236

[illegible] No. .....
[illegible] of Work ..... From..... To.....
[illegible] of Contractor of nature of Agency .....
[illegible] of commencement of work .....

[illegible]	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
[illegible]	2	3	4	5	6	7	8
	Design mix M25 sub structure with OPC cement at 340 kgs with 20mm and down size graded granite metal coarse aggregate Upto 5m height Qty vide e-abstract Pg 3 of 6 = 215.27 cum @ Rs 7000.00					= Rs 15,06,890.00	
2)	P.lain/reinforcement cement concrete design mix M35 with OPC cement at 390 kgs with 20mm down size graded granite metal. Open foundation Qty vide e-abstract Pg 3 of 6 = 10.12 cum @ Rs 6599.00					= Rs 66,781.88	

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MEASUREMENT BOOK

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Measurement Book

No. B 454237

rial No. .....
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Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	Design mix M35 sub structure with OPC cement @ 390 kgs, with 20mm downsize graded metal coarse aggregate. Upto 5m ht						
	Qty vide e-abstract Pg 3 of 6				= 11.50	cum	
	@ Rs 7430.00					= Rs	85,445.00
14)	Furnishing and placing reinforced / Pre-stressed cement concrete in super-structure. Design mix M35 @ 390 kgs cmt. 20mm downsize						
	Qty vide e-abstract Pg 4 of 6 upto 125%				= 14.56 sq.m. 12.66 cum		
	@ Rs 7500.00					= Rs	94,950.00
	>125%				= 1.96	cum	
	@ Rs 6105.02					= Rs	11,599.54
15)	Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing						
	Qty vide e-abstract Pg 4 of 6				= 50.77 ~~40.9269~~	MT	
	@ Rs 48000.00					= Rs	19,64,492.00 ~~1956960.00~~

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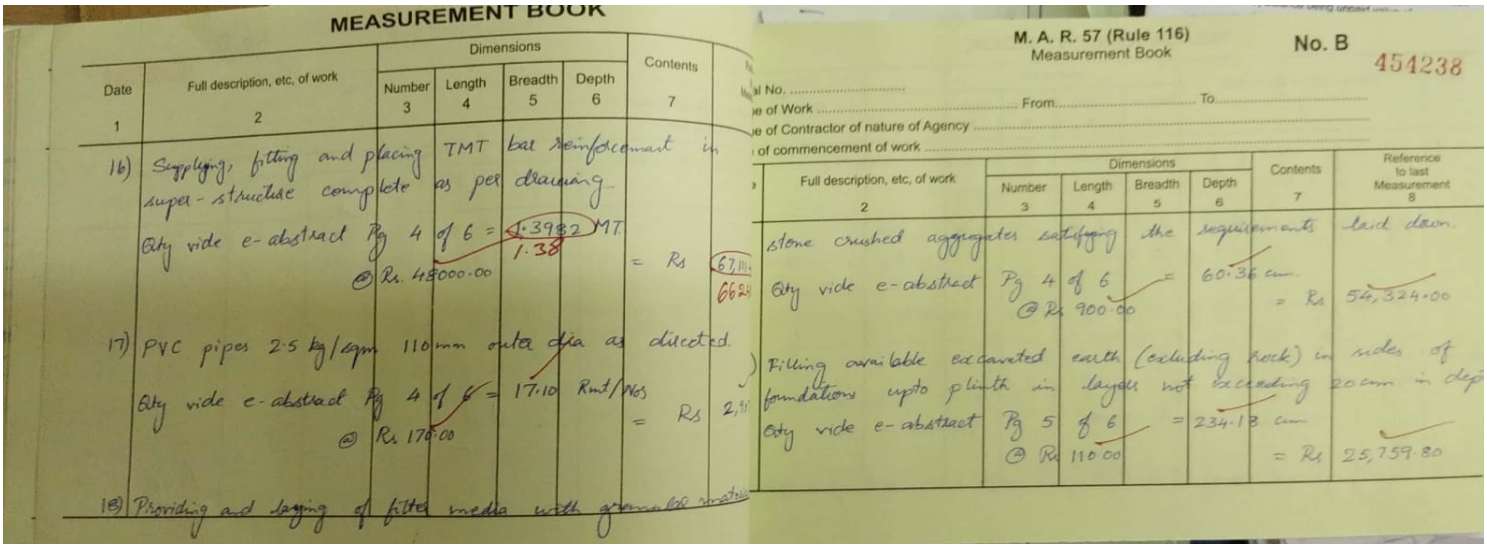

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
16)	Supplying, fitting and placing TMT bar reinforcement in super-structure complete as per drawing.						
	Qty vide e-abstract Pg 4 of 6 = 1.3982 MT				1.38		
	@ Rs. 48000.00					= Rs	67,11 6624
17)	PVC pipes 2.5 kg/sqm 110mm outer dia as directed.						
	Qty vide e-abstract Pg 4 of 6 = 17.10 Rmt/Nos					= Rs	2,91
	@ Rs 170.00						
18)	Providing and laying of filter media with gravel for material						

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Measurement Book

No. B 454238

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e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
stone crushed aggregates satisfying the requirements laid down.						
Qty vide e-abstract Pg 4 of 6				=	60.36 cum.	
@ Rs 900.00					= Rs	54,324.00
Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cm in depth						
Qty vide e-abstract Pg 5 of 6				=	234.13 cum	
@ Rs 110.00					= Rs	25,759.80

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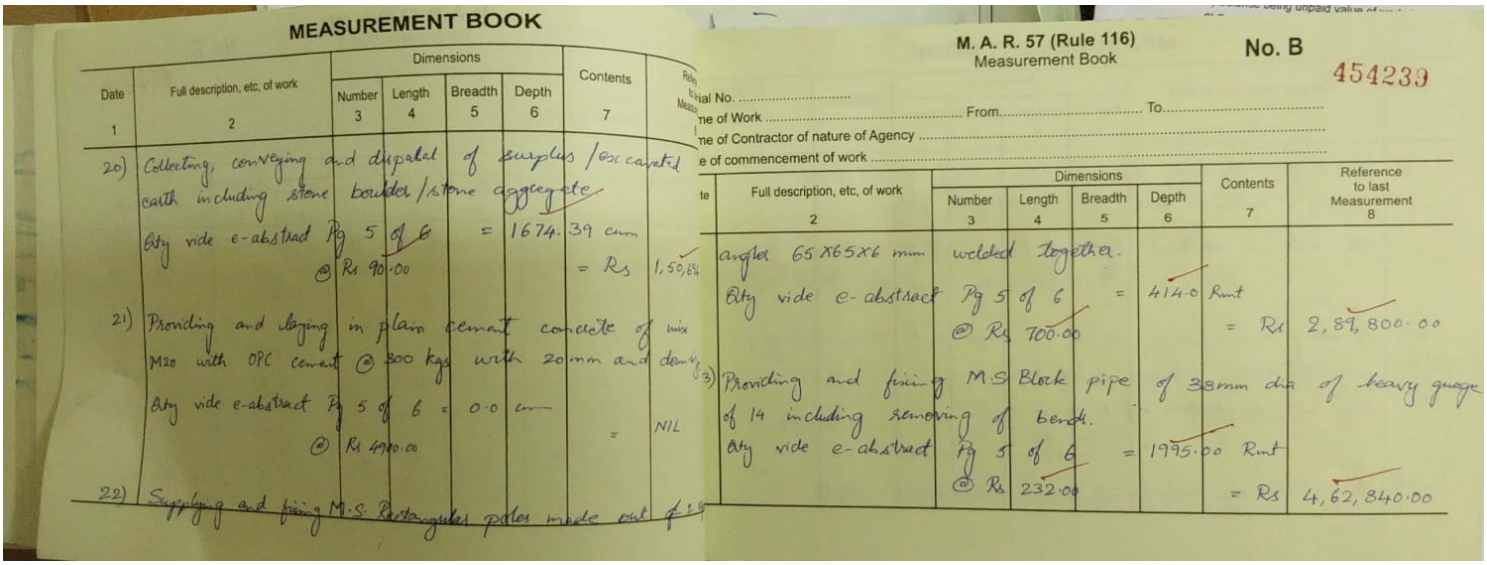

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
20)	Collecting, conveying and disposal of surplus / excavated earth including stone boulder / stone aggregate etc						
	Qty vide e-abstract Pg 5 of 6					= 1674.39 cum	
	@ Rs 90.00					= Rs 1,50,654	
21)	Providing and laying in plain cement concrete of mix M20 with OPC cement @ 300 kgs with 20mm and down						
	Qty vide e-abstract Pg 5 of 6 = 0.0 cum					= NIL	
	@ Rs 4900.00						
22)	Supplying and fixing M.S. Rectangular poles made out of						

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Serial No. .....
Name of Work ..... From..... To.....
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Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	angles 65X65X6 mm welded together.						
	Qty vide e-abstract Pg 5 of 6					= 414.0 Rmt	
	@ Rs 700.00					= Rs 2,89,800.00	
23)	Providing and fixing M.S. Black pipe of 38mm dia of heavy gauge of 14 including removing of bends.						
	Qty vide e-abstract Pg 5 of 6					= 1995.00 Rmt	
	@ Rs 232.00					= Rs 4,62,840.00	

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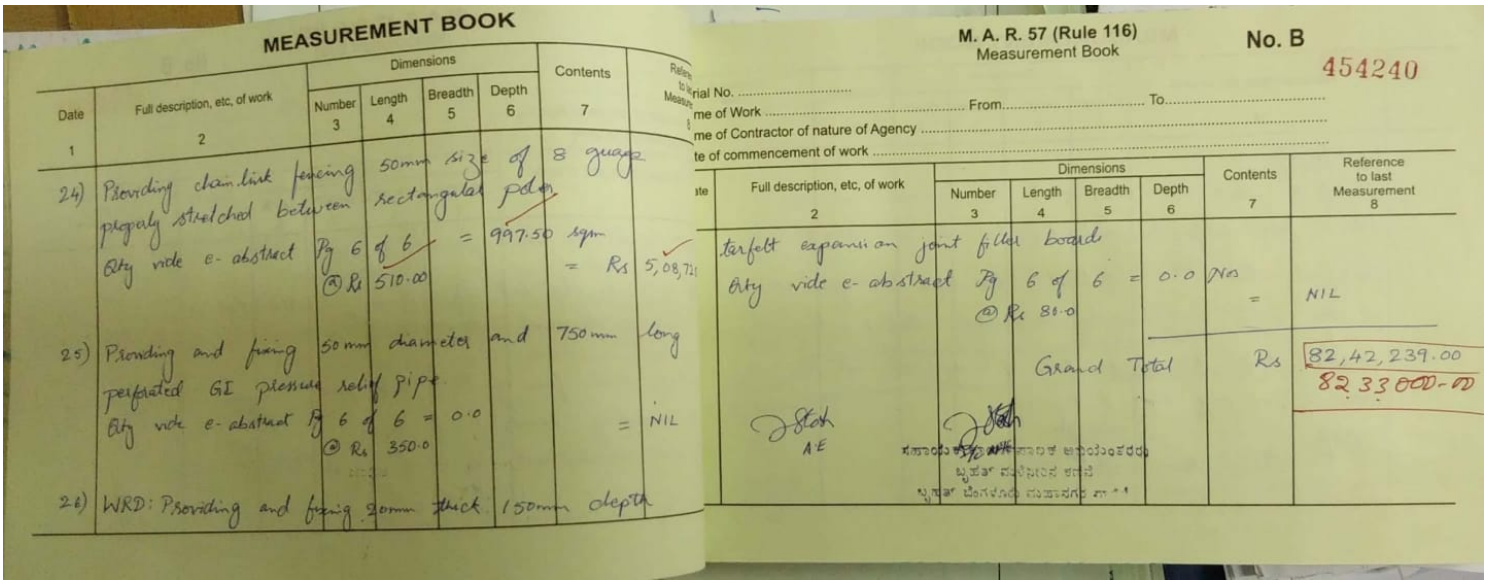

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	
24)	Providing chain link fencing properly stretched between		50mm size of 8 guage rectangular pdm.				
	Qty vide e-abstract Pg 6 of 6		= 997.50 sqm			= Rs 5,08,72	
	Ⓐ Rs 510.00						
25)	Providing and fixing 50mm diameter and 750mm long perforated GI pressure relief pipe						
	Qty vide e-abstract Pg 6 of 6		= 0.0			= NIL	
	Ⓐ Rs 350.0						
26)	WRD: Providing and fixing 20mm thick 150mm depth						

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Measurement Book

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454240

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me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	tarfelt expansion joint filler board						
	Qty vide e-abstract Pg 6 of 6		= 0.0			= NIL	
	Ⓐ Rs 80.0						
	Grand Total					Rs	82,42,239.00
							82,33,000-00

AE

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	

Certificate

1) Certified that the contractor has removed all the debris from workspot and executed the work satisfactorily.

2) Certified that the contractor has used RMC grade M25 for the works and royalty statement is attached in bill.

3) Certified that the above item of works was not claimed in any other bill.

AE

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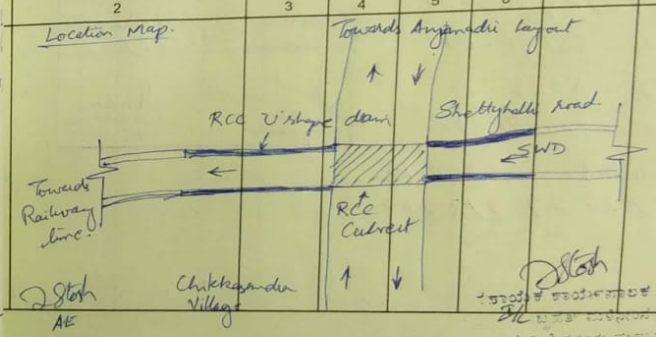
M. A. R. 57 (Rule 116)
Measurement Book

No. B
454241

Bill No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8

Location Map.



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MEASUREMENT BOOK

I/st/s/band

Kevk Contractor

Contractor

Date	Full description, etc, of work	Dimensions				
		Number	Length	Breadth	Depth	Contents
1	2	3	4	5	6	7

B.R. No.....
Date.....

Present - 8233000-00

IT - 164700-00

LWC - 82400-00

CSF - 8300-00

LR - 79800-00

Deductions - 335200-00

Net - 789800-00

Audited & Admitted for Rs 8233000-00
Pay by cheque Rs. 7897800-00
By Adjustment Rs. 335200-00

11-7-18

Accts. Suptd.
SWD, BBMP

Exe. Engineer
SWD, BBMP

BRUHATH BENGALURU MAHANA

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